

# Unichem 8045

Polyvinyl Chloride

Colorite Polymers

## Message:

Unichem 8045 is a Polyvinyl Chloride product. It can be processed by extrusion and is available in North America. Typical application: Wire & Cable.  
Primary characteristic: good flexibility.

General Information			
Features	Good Flexibility		
Agency Ratings	UL Class 11		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	16.5	MPa	ASTM D638
Tensile Elongation (Yield)	300	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	9.14	MPa	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-21.1	°C	ASTM D746

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## Recommended distributors for this material

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